

PCT
S600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCR-1001.US

Applicants:	Michael Cappello, et al.
Assignee:	Yale University
PCT/US00/08519	U.S. Ser. No.: 09/937,555
Title of Application	Hookworm Platelet Inhibitor

Box Sequence
Commissioner of Patents
and Trademarks
Washington, DC 20231

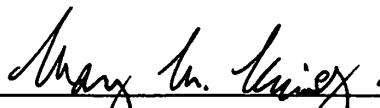
**SUBMISSION OF COMPUTER
READABLE COPY OF SEQUENCE LISTING**

Dear Sir:

Submitted herewith is a computer readable copy on a 3.5" 1.44 Mb diskette of the Sequence Listings for the sequences in the above-identified application, with each listing assigned a separate identifier as set forth in the application. Each submitted sequence listed herein and each computer readable copy on the enclosed diskette are the same, and are the same as what was originally presented to the Patent Office when the application was filed in the US/RO on 30 March 2000. Updated application information only was revised slightly. No new matter is presented.

Respectfully submitted,

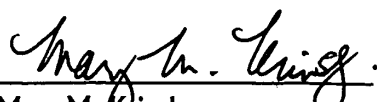
25 January 2002



Mary M. Krinsky, Reg. No. 32423
79 Trumbull Street
New Haven, CT 06511-3708
(203) 773-9544

I hereby certify that this correspondence is today being deposited with the U.S. Postal Service under 37 C.F.R. § 1.8 in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

25 January 2002



Mary M. Krinsky

SEQUENCE LISTING

<110> Michael Cappello
Robert Chadderdon
Antonio Del Valle
Lisa Harrison

<120> Hookworm Platelet Inhibitor

<130> OCR-1001

<140> 09/937,555

<141> 2000-03-30

<150> US 60/127,239

<151> 1999-03-30

<160> 2

<170> MS Dos

<210> 1

<211> 631

<212> DNA

<213> Ancylostoma caninum

<220>

<221> mat_peptide

<223> platelet inhibitor clone described in examples

<400> 1

gaaggtgact attcgctatg ccagcaacgt gaaaaactcg acgacgatat 50

gagggaaatg tttacggagc tgcacaatgg ctacagggct gcattcgcgga 100

ggaactataa aacgtcgaaa atgagaacta tggtttacga ctgtaccttg 150

gaagaaaagg cctacaaatc ggctgaaaaa tgcagtgagg aaccctcgag 200

tgaggaagaa aacgtagatg ttttcagcgc agctactctt aatattccgt 250

tagaggccgg taattcatgg tggagcgaga ttttcgaact gcgaggaaag 300
 gtctacaaca aaaatggcaa aacatcgaac attgctaata tggtttggga 350
 cagtcgatgat aagcttggtt gcgcagttgt tgactgctcc ggaaaaacac 400
 atgtagtctg ccaatacggg ccagaagcaa aaggtgatgg gaagacaatt 450
 tacgaagagg gtgcaccatg ctcacgatgc agtgattacg gggcaggtgt 500
 cacctgcgac gacgactggc agaatttgct ctgcattggt cactgaagtc 550
 ttcgcaatcg gaaaacatca ctggatgata attttttagag ctaaataaat 600
 caattgcata cagacaaaaa aaaaaaaaaa a 631

<210> 2

<211> 181

<212> PRT

<213> Ancylostoma caninum

<220>

<221> chain

<223> platelet inhibitor
 residues 1-40, native; remaining residues,
 deduced amino acid sequence of SEQ ID NO:1 clone

<400> 2

Glu Gly Asp Tyr Ser Leu Cys Gln Gln Arg Glu Lys Leu Asp Asp
 5 10 15

Asp Met Arg Glu Met Phe Thr Glu Leu His Asn Gly Tyr Arg Ala
 20 25 30

Ala Phe Ala Arg Asn Tyr Lys Thr Ser Lys Met Arg Thr Met Val
 35 40 45

Tyr Asp Cys Thr Leu Glu Glu Lys Ala Tyr Lys Ser Ala Glu Lys
 50 55 60

Cys Ser Glu Glu Pro Ser Ser Glu Glu Glu Asn Val Asp Val Phe
 65 70 75

Ser Ala Ala Thr Leu Asn Ile Pro Leu Glu Ala Gly Asn Ser Trp
 80 85 90
 Trp Ser Glu Ile Phe Glu Leu Arg Gly Lys Val Tyr Asn Lys Asn
 95 100 105
 Gly Lys Thr Ser Asn Ile Ala Asn Met Val Trp Asp Ser His Asp
 110 115 120
 Lys Leu Gly Cys Ala Val Val Asp Cys Ser Gly Lys Thr His Val
 125 130 135
 Val Cys Gln Tyr Gly Pro Glu Ala Lys Gly Asp Gly Lys Thr Ile
 140 145 150
 Tyr Glu Glu Gly Ala Pro Cys Ser Arg Cys Ser Asp Tyr Gly Ala
 155 160 165
 Gly Val Thr Cys Asp Asp Asp Trp Gln Asn Leu Leu Cys Ile Gly
 170 175 180

His